

NODC Products and Information

| Product | Description | Location |
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| <i>NOAA Mission Goal: Weather & Water</i> | | |
| Coastal Science, Information & Data for the Ecosystem (C-Side) | The Comprehensive Gulf Coast Storm Information Center provides information about severe weather preparation, evacuation routes, and monitoring for the Gulf of Mexico. | http://ecowatch.ncddc.noaa.gov/c-side |
| NOAA Extreme Weather Information Sheets (NEWIS) | Contains valuable state and local emergency numbers, NOAA websites, media outlets, and evacuation information for residents. | http://www.ncddc.noaa.gov/activities/noaa-extreme-weather-information-sheet-newis/view |
| Coastal Product: NODC Coastal Water Temperature Guide (CWTG) | Near real-time temperatures from NOAA's National Ocean Service (NOS) tidal stations and Physical Oceanographic Real-Time System (PORTS®) and most recent (within the past six hours) temperatures from NOAA's National Data Buoy Center (NDBC) moored buoys. | http://www.nodc.noaa.gov/dsdt/cwtg/aboutCWTG.html |
| Coastal Ocean Observing System (COOS) | Provides access to real-time and recent weather, oceanographic, water-level and stream gauge observations. | http://www.ncddc.noaa.gov/website/COOS/viewer.htm |
| <i>NOAA Mission Goal: Ecosystem</i> | | |
| Gulf of Mexico Coastal Habitat | NCDDC and National Marine Fisheries pilot projects for habitat monitoring and assessment. | http://www.ncddc.noaa.gov/interactivemaps/gulf-of-mexico-coastal-habitat |
| Gulf of Mexico Hypoxia Watch | Near-real-time shipboard measurements of bottom dissolved oxygen on anoxic and hypoxic conditions in the western and north-central Gulf of Mexico | http://www.ncddc.noaa.gov/interactivemaps/hypoxia-watch |
| Harmful Algal Blooms Observing System (HABsOS) | Integrated information system for managing HAB data, events, and effects | http://habsos.noaa.gov/ |
| Priority Habitat Information System | Provides access to Gulf-wide habitat data and information from many different sources. | http://ecowatch.ncddc.noaa.gov/habid_public |
| Protected Species Map | Displays critical habitat for selected species in the Gulf of Mexico and southeastern Atlantic Ocean. | http://www.ncddc.noaa.gov/activities/protected-species |
| Coral Reef Information System (CoRIS) | Single point of access to NOAA coral reef information and data products, especially those derived from NOAA's Coral Reef Conservation Program. | http://coris.noaa.gov/ |
| Ocean Exploration Digital Atlas | Selected data from NOAA's Ocean Exploration expeditions | http://www.ncddc.noaa.gov/website/google_maps/OE/mapsOE.htm |
| <i>NOAA Mission Goal: Climate</i> | | |
| Joint Archive for Sea Level (JASL) | International effort to acquire, review, assess, manage, and distribute sea level for hourly and daily values | http://uhsllc.soest.hawaii.edu/uhsllc/jasl.html |
| Pacific Islands Climate Change Virtual Library | Provides access to climate information and tools relevant to Pacific Islands coastal managers. | http://docs.lib.noaa.gov/vlib/PICCP/ |

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| Joint Archive for Shipboard Acoustic Doppler Current Profiler | Acquisition, review, documentation, archival, and distribution of shipboard ADCP data sets | http://www.nodc.noaa.gov/General/adcp.html |
| Global Temperature Salinity Profile Program (GTSP) | A cooperative international project with Canada's Marine Environmental Data Service (MEDS), the GTSP is a global ocean Temperature-Salinity resource with timely, high quality data. | http://www.nodc.noaa.gov/GTSP/Gtsp-home.html |
| Global Argo Data Repository | Argo daily data include real-time and delayed-mode profiles of ocean temperature and salinity measured by the Argo profiling floats. | http://www.nodc.noaa.gov/argo/la_test_data.html |
| World Ocean Database | Provides access to global scientifically quality-controlled ocean profile and plankton data that includes measurements variables gathered since 1773. | http://www.nodc.noaa.gov/OC5/WOD/pr_wod.html |
| World Ocean Atlas Series | Contains objectively analyzed climatological fields of <i>in situ</i> temperature, salinity, oxygen, and other measured variables at standard depth levels for various compositing periods for the world ocean. | http://www.nodc.noaa.gov/OC5/WOA05/pr_woa05.html |
| International Ocean Atlas Series Volumes 1-12 | Printed atlases and digital media from various seas which provide climatic data such as temperature, salinity, and oxygen at various depths. | http://www.nodc.noaa.gov/OC5/indprod.html#inter |
| Global Ocean Heat Content | Provides temperature anomaly, heat content fields, and data distribution figures for the global ocean | http://www.nodc.noaa.gov/OC5/3M_HEAT_CONTENT/ |
| Salinity Anomalies: 1955- 1998 | Data distribution figures, salinity climatologies, and salinity anomaly fields associated with the publication | http://www.nodc.noaa.gov/OC5/DATA_ANALYSIS/sal_intro.html |
| Warming of the World Ocean: 1955-2003 (Online Data) | Data distribution figures, temperature anomaly fields, and heat content fields associated with the publication. | http://www.nodc.noaa.gov/OC5/DATA_ANALYSIS/heat_intro.html |
| 4 km Pathfinder Data | Extension of and improvement on the sea surface temperature (SST) fields from the older NOAA/NASA AVHRR Oceans Pathfinder project | http://pathfinder.nodc.noaa.gov/ |
| Group for High Resolution SST (GHRSSST) | Individual as well as multi-sensor blended SST products with high accuracy and fine spatial resolution. | http://ghrsst.nodc.noaa.gov/ |
| NODC Altimeter Archive | Altimeter data and products from the Geosat and Jason-2 Missions. | http://www.nodc.noaa.gov/SatelliteData |
| Coral Reef Temperature Anomaly Database (CoRTAD) | Collection of sea surface temperature (SST) and related thermal stress metrics developed specifically for coral reef ecosystem applications. | http://www.nodc.noaa.gov/SatelliteData/Cortad/ |
| Shipboard Sensor Database | Standard suite of shipboard sensor data (also known as underway data) from each NOAA ship with the Scientific Computer System (SCS) | http://www.nodc.noaa.gov/ssd/ |

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| Ocean Color Archive | Overview of the NOAA archive services being provided for Level 2 (L2) ocean color products generated by CoastWatch from SeaWiFS, MODIS and MERIS, which consists primarily of spatial information on chlorophyll-a concentration, as well as turbidity (reflectance) | http://www.nodc.noaa.gov/SatelliteData/OceanColor/ |
| <i>NOAA Mission Goal: Commerce & Transportation</i> | | |
| NOAA Marine Environmental Buoy Database | Official archive of historical wind, wave, and other marine data collected by the NOAA National Data Buoy Center (NDBC). The data are collected from moored buoys and from C-MAN (Coastal-Marine Automated Network) stations located on piers, offshore towers, lighthouses, and beaches | http://www.nodc.noaa.gov/BUOY/buoy.html |
| <i>NOAA Mission Goal: Cross-Goal Products</i> | | |
| NOAA Ocean Data Education (NODE) Effort | Educational curriculum materials that deliver scientific data and information into the classroom. Current modules include Sea Level, El Nino, and Water Quality. | http://datainthe classroom.org/ |
| Digital Library for Earth System Education (DLESE) | A science activity using SST and depth ocean water temperatures. | http://www.nodc.noaa.gov/SatelliteData/Education |
| NOAA Photo Library | Contains over 32,000 images & photos which capture the work, observations, and studies of NOAA employees. | http://www.photolib.noaa.gov/ |
| NODC CD-ROM & DVD Products | CD-ROM and DVD data products currently available from the NODC | http://www.nodc.noaa.gov/General/NODC-cdrom.html |
| Ocean Archive System | World's largest oceanographic archive. | http://www.nodc.noaa.gov/search/prod/ |
| Quality Assurance of Real-Time Oceanographic Data (QARTOD) | Consists of multiple agencies with the common goal to address the quality assurance and control issues within the international community of the Integrated Ocean Observing System (IOOS). | http://www.ncddc.noaa.gov/activities/qartod |
| Government Maps and Charts | NOAA Central Library's (NCL) map collection contains cartographic material published by government agencies | http://www.lib.noaa.gov/collections/gov/docmaps.html |
| Earth System Monitor | Free quarterly publication that reports on NOAA environmental data and information programs, projects, and activities. | http://www.nodc.noaa.gov/ESM/ |
| NODC Posters, Fliers, & Annual Reports | NODC Publications currently available from the NODC | http://www.nodc.noaa.gov/General/NODCPubs/ |
| Full-Text Digital Collections | Rich collection of digital historical documents and maps | http://www.lib.noaa.gov/collections/imgdocmaps/index.html |
| NODC Bibliography of Publications | An aid to the National Oceanographic Data Center (NODC) printed and online publications. | http://docs.lib.noaa.gov/noaa_documents/NESDIS/NODC/LISD/Central Library/current_references/current_references_2008_2.pdf |

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